

## PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum) 99P05310

**Box No. I TITLE OF INVENTION**

POWER LINE TERMINATING CIRCUIT AND METHOD, AND POWER LINE RELAY DEVICE

**Box No. II APPLICANT**☐ This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

TDK CORPORATION  
13-1, Nihonbashi 1-chome,  
Chuo-ku, Tokyo 103-8272 JAPAN

Telephone No.  
047-378-9093

Facsimile No.  
047-378-9321

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality:

JAPAN

State (that is, country) of residence:

JAPAN

This person is applicant  
for the purposes of:

☐all designated  
States☒all designated States except the  
United States of America☐the United States  
of America only☐the States indicated in the  
Supplemental Box**Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

SUZUKI Mitsunari  
c/o TDK CORPORATION  
13-1, Nihonbashi 1-chome,  
Chuo-ku, Tokyo 103-8272 JAPAN

This person is:

☐

applicant only

☒

applicant and inventor

☐inventor only (If this check-box  
is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

JAPAN

State (that is, country) of residence:

JAPAN

This person is applicant for  
the purposes of:

☐all designated  
States☐all designated States except  
the United States of America☒the United States  
of America only☐the States indicated in the  
Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on a continuation sheet.

**Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

☒

agent

☐

common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

MITAZAKI Taiji  
2F, Oodai Building,  
9-5, Shinjuku 1-chome, Shinjuku-ku,  
Tokyo 160-0022 JAPAN

Telephone No.  
03-3225-0981

Facsimile No.  
03-3225-0980

Teleprinter No.

Agent's registration No. with the Office  
100109656

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

**Supplemental Box***If the Supplemental Box is not used, this sheet should not be included in the request.*

1. *If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No. ...." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:*
  - (i) *if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;*
  - (ii) *if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;*
  - (iii) *if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;*
  - (iv) *if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;*
  - (v) *if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;*
  - (vi) *if, in Box No. VI, there are more than five earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.*
2. *If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.*

IV. FUJISHIMA Youichiro  
 2F, Oodai Building,  
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 Tokyo 160-0022 JAPAN  
 03-3225-0981  
 03-3225-0980  
 100098785

**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 28.03.03	2003-092843	Japan		
item (2)				
item (3)				
item (4)				
item (5)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☐ all items    ☐ item (1)    ☐ item (2)    ☐ item (3)    ☐ item (4)    ☐ item (5)    ☐ other, see Supplemental Box

\*Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): .....

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

**Choice of International Searching Authority (ISA)** (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA /JP .....

**Request to use results of earlier search; reference to that search** (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)                      Number                      Country (or regional Office)

**Box No. VIII DECLARATIONS**

The following **declarations** are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

		Number of declarations
<input type="checkbox"/>	Box No. VIII (i)      Declaration as to the identity of the inventor	:
<input type="checkbox"/>	Box No. VIII (ii)      Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	:
<input type="checkbox"/>	Box No. VIII (iii)      Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	:
<input type="checkbox"/>	Box No. VIII (iv)      Declaration of inventorship (only for the purposes of the designation of the United States of America)	:
<input type="checkbox"/>	Box No. VIII (v)      Declaration as to non-prejudicial disclosures or exceptions to lack of novelty:	:

**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:

(a) in paper form, the following number of sheets:

request (including  
declaration sheets) : 4  
description (excluding  
sequence listings and/or  
tables related thereto) : 24  
claims : 4  
abstract : 1  
drawings : 7

Sub-total number of sheets : 40

sequence listings :  
tables related thereto :  
(for both, actual number of  
sheets if filed in paper form,  
whether or not also filed in  
computer readable form; see  
(c) below) : \_\_\_\_\_

Total number of sheets : 40

(b) ☐ only in computer readable form  
(Section 801(a)(i))

(i) ☐ sequence listings  
(ii) ☐ tables related thereto

(c) ☐ also in computer readable form  
(Section 801(a)(ii))

(i) ☐ sequence listings  
(ii) ☐ tables related thereto

Type and number of carriers (diskette,  
CD-ROM, CD-R or other) on which are  
contained the☐ sequence listings \_\_\_\_\_☐ tables related thereto \_\_\_\_\_(additional copies to be indicated under  
item 9(ii), in right column)This international application is accompanied by the following  
item(s) (mark the applicable check-boxes below and indicate in  
right column the number of each item):

- |  |     |
|--|-----|
| 1. <input checked="" type="checkbox"/> fee calculation sheet   | : 1 |
| 2. <input checked="" type="checkbox"/> original separate power of attorney   | : 1 |
| 3. <input type="checkbox"/> original general power of attorney   | :   |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number,<br>if any: _____  | :   |
| 5. <input type="checkbox"/> statement explaining lack of signature   | :   |
| 6. <input checked="" type="checkbox"/> priority document(s) identified in Box No. VI as<br>item(s): 1 _____  | : 1 |
| 7. <input type="checkbox"/> translation of international application into<br>(language): _____   | :   |
| 8. <input type="checkbox"/> separate indications concerning deposited<br>microorganism or other biological material  | :   |
| 9. <input type="checkbox"/> sequence listing in computer readable form (indicate<br>type and number of carriers)   | :   |
| (i) <input type="checkbox"/> copy submitted for the purposes of international<br>search under Rule 13ter only (and not as part of<br>the international application)  | :   |
| (ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked<br>in left column) additional copies including, where<br>applicable, the copy for the purposes of<br>international search under Rule 13ter              | :   |
| (iii) <input type="checkbox"/> together with relevant statement as to the identity<br>of the copy or copies with the sequence listings<br>mentioned in left column   | :   |
| 10. <input type="checkbox"/> tables in computer readable form related to sequence<br>listings (indicate type and number of carriers)   | :   |
| (i) <input type="checkbox"/> copy submitted for the purposes of international<br>search under Section 802(b-quater) only (and not<br>as part of the international application)   | :   |
| (ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked<br>in left column) additional copies including, where<br>applicable, the copy for the purposes of<br>international search under Section 802(b-quater) | :   |
| (iii) <input type="checkbox"/> together with relevant statement as to the identity of the<br>copy or copies with the tables mentioned in left column   | :   |
| 11. <input type="checkbox"/> other (specify): _____  | :   |

Figure of the drawings which  
should accompany the abstract: 1Language of filing of the  
international application: Japanese**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

For receiving Office use only

1. Date of actual receipt of the purported international application:	2. Drawings:  <input type="checkbox"/> received:  <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): ISA /	
6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid	

For International Bureau use only

Date of receipt of the record copy  
by the International Bureau: